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Field Service Procedure

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Installation of COSY II Noise Reduction Kit

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Installation of COSY II Noise Reduction Kit

Installation Procedure

Preparing the Breathing System:

1. Set machine power switch to the Off ( ) position and close all flow control valves.
2. Remove the scavenger hose from the scavenger port of the breathing system.
3. Disconnect the PEEP/Pmax hose from its valve dome.
4. Using a two-hole spanner wrench (7910305) remove the PEEP/Pmax valve dome from the breathing system. See Figure 1.

Replacing the PEEP/Pmax and Scavenger Valves:

5. Remove the existing PEEP/Pmax valve assembly and install the replacement assembly (P/N 4117885) as shown in Figure 1. Discard the original valve assembly.

NOTE: Ensure that the valve assembly is properly seated in the valve crater.

NOTE: Should the new valve become disassembled in shipment, refer to Figure 2 for the correct arrangement of its parts.

6. Reinstall the PEEP/Pmax valve dome on the breathing system and tighten. Reconnect the PEEP/Pmax hose to the hose barb on the valve dome.
7. Unscrew the scavenger valve port assembly from the underside of the breathing system, and install the replacement scavenger valve assembly (P/N 4116715).

NOTE: Return the original scavenger valve port assembly to DMI within 7 days after replacement. Contact Customer Service to obtain an RMA for return of the Scavenger Valve(s) part number 4116715, Port Asm, Exhaust, Breathing System. Reason for return shall indicate “Exchanged per ECN 02-0382.”

8. Reinstall the scavenger hose on the new scavenger valve port.

Performance Tests:

9. Set machine power switch to the On (⊙) position, and perform the PMS test steps outlined in the following sections of the Fabius GS Service Manual:

    7.6 Calibrations
    7.8 Scavenger
    7.9 Breathing System
    7.21 Ventilator

Installation Procedure (continued)

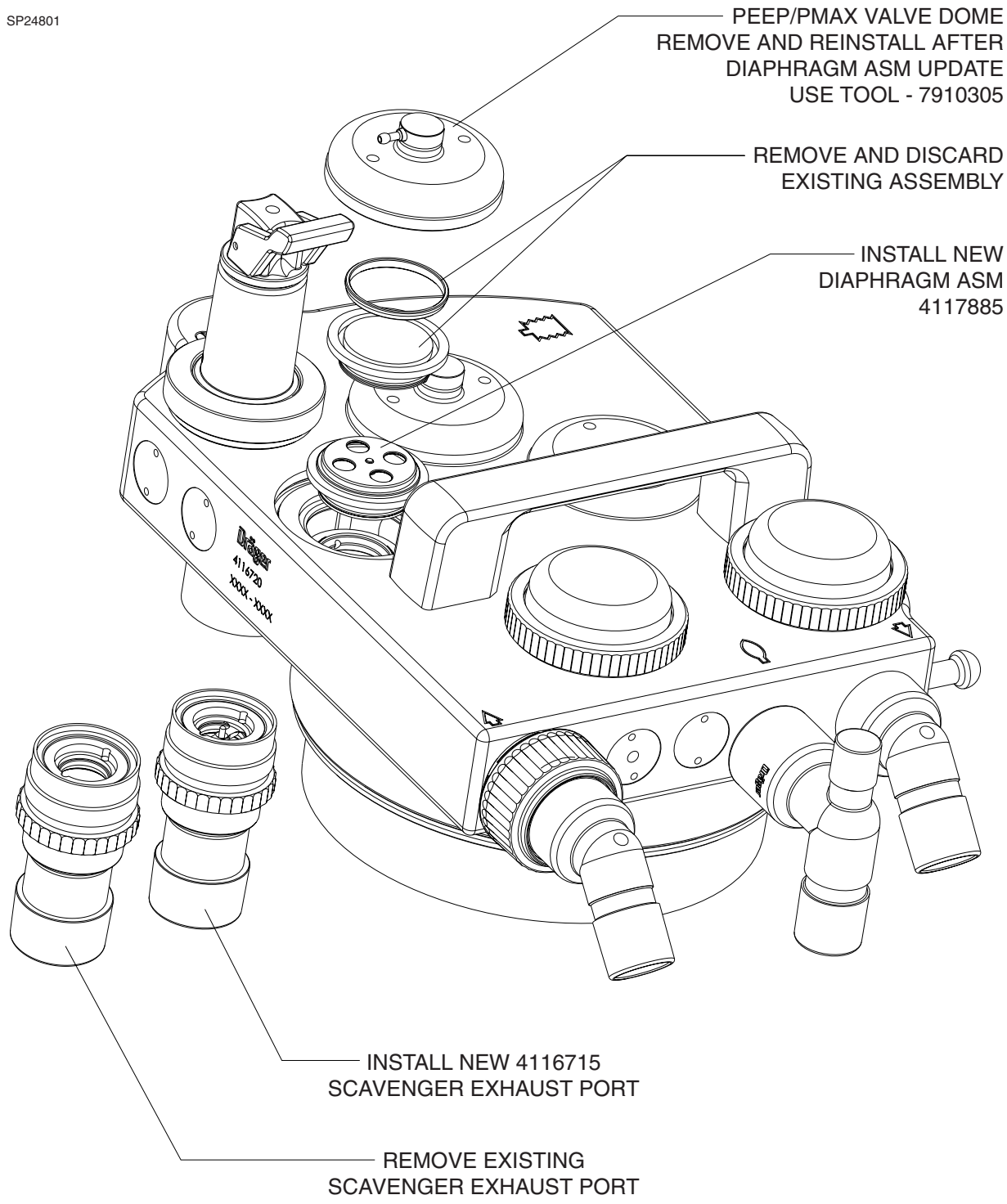

FIGURE 1. PEEP/Pmax Valve and Scavenger Valve Replacement

Installation Procedure (continued)

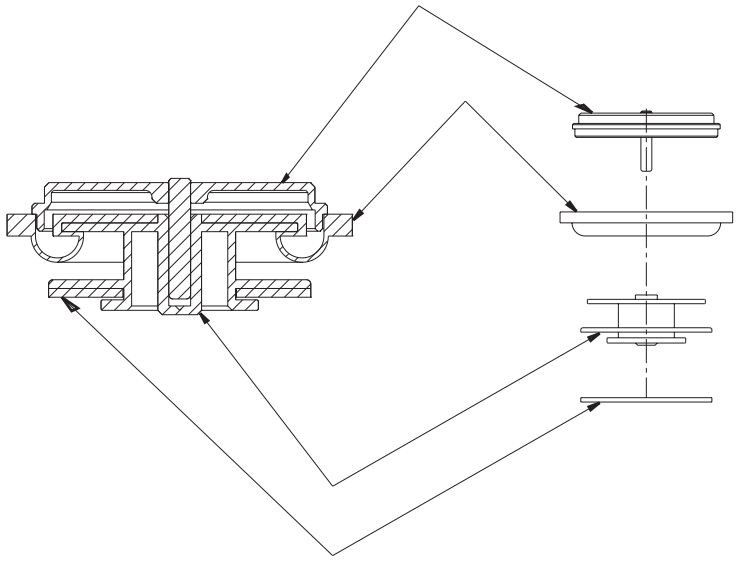

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FIGURE 2. PEEP/Pmax Valve Diaphragm Arrangement

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